

## ABSTRACT

The present application relates to a cosmetic composition intended for treating keratin fibres, comprising, in a support which is suitable for keratin fibres:

(a) at least one enzyme of 2-electron oxidoreductase type in the presence of at least one donor for the said enzyme;

(b) at least one anionic surfactant chosen from the group consisting of:

- (i) acylisethionates;
- (ii) acyltaurates;
- (iii) acylsarcosinates;
- (iv) acylglutamates;
- (v) polyoxyalkylenated carboxylic ether acids and salts thereof;
- (vi) fatty glucamide sulphates;
- (vii) alkylgalactoside uronates;
- (viii) anionic derivatives of alkylpolyglucoside;
- (ix) mixtures thereof;

as well as to processes for treating keratin fibres, in particular processes for dyeing, permanently reshaping or bleaching the hair, using this composition.

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